

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
 Data File : VW017797.D
 Acq On : 07 Jan 2021 13:16
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 1/8/2021 2:31:21 PM

Quant Time: Jan 08 05:01:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 04:59:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	152285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	263002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	228437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	120926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38173	19.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.52%	
35) Dibromofluoromethane	7.884	113	33718	19.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.50%	
50) Toluene-d8	10.323	98	130630	19.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.42%	
62) 4-Bromofluorobenzene	12.615	95	45799	18.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.44%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	25562	20.17	ug/l	98
3) Chloromethane	2.214	50	25190	18.09	ug/l	99
4) Vinyl Chloride	2.367	62	42020	19.65	ug/l	97
5) Bromomethane	2.769	94	41829	17.82	ug/l	93
6) Chloroethane	2.922	64	30129	19.67	ug/l	99
7) Trichlorofluoromethane	3.257	101	30759	20.41	ug/l	99
8) Diethyl Ether	3.684	74	14851	19.34	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.068	101	33725	19.63	ug/l	98
10) Methyl Iodide	4.275	142	44443	19.38	ug/l	97
11) Tert butyl alcohol	5.171	59	11857	106.64	ug/l #	85
12) 1,1-Dichloroethene	4.050	96	32926	20.12	ug/l	95
13) Acrolein	3.897	56	13658	107.39	ug/l	100
14) Allyl chloride	4.665	41	45691	20.06	ug/l	96
15) Acrylonitrile	5.366	53	39397	110.01	ug/l	96
16) Acetone	4.129	43	36455	107.79	ug/l	96
17) Carbon Disulfide	4.391	76	96735	19.97	ug/l	96
18) Methyl Acetate	4.665	43	16883	20.55	ug/l	97
19) Methyl tert-butyl Ether	5.421	73	46950	20.82	ug/l	91
20) Methylene Chloride	4.915	84	38129	17.88	ug/l	94
21) trans-1,2-Dichloroethene	5.427	96	39069	20.03	ug/l	98
22) Diisopropyl ether	6.311	45	92735	19.86	ug/l	99
23) Vinyl Acetate	6.256	43	317343	107.85	ug/l	100
24) 1,1-Dichloroethane	6.220	63	64412	19.68	ug/l	99
25) 2-Butanone	7.171	43	51986	110.52	ug/l	96
26) 2,2-Dichloropropane	7.171	77	37547	19.56	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	39873	19.47	ug/l	97
28) Bromochloromethane	7.512	49	26835	20.20	ug/l	95
29) Tetrahydrofuran	7.531	42	33873	114.24	ug/l	99
30) Chloroform	7.677	83	68253	19.47	ug/l	98
31) Cyclohexane	7.951	56	64110	19.37	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	56443	19.56	ug/l	98
36) 1,1-Dichloropropene	8.079	75	57020	19.65	ug/l	100
37) Ethyl Acetate	7.256	43	24600	22.13	ug/l #	96
38) Carbon Tetrachloride	8.073	117	54315	20.08	ug/l	94
39) Methylcyclohexane	9.335	83	70588	20.14	ug/l	97
40) Benzene	8.323	78	151068	19.77	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	13020	20.47	ug/l	96
42) 1,2-Dichloroethane	8.402	62	48066	19.96	ug/l	99
43) Isopropyl Acetate	8.421	43	43427	22.22	ug/l	97
44) Trichloroethene	9.091	130	40571	19.54	ug/l	94
45) 1,2-Dichloropropane	9.372	63	35553	19.77	ug/l	99
46) Dibromomethane	9.457	93	21063	19.68	ug/l	94
47) Bromodichloromethane	9.646	83	50904	19.61	ug/l	100
48) Methyl methacrylate	9.433	41	22625	22.28	ug/l	96
49) 1,4-Dioxane	9.451	88	5548	443.10	ug/l	92
51) 4-Methyl-2-Pentanone	10.207	43	114977	113.80	ug/l	100
52) Toluene	10.390	92	97839	19.52	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	45078	19.75	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	55665	20.03	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	29094	20.16	ug/l	96
56) Ethyl methacrylate	10.646	69	34199	21.41	ug/l	97
57) 1,3-Dichloropropane	10.932	76	50338	20.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	83408	102.72	ug/l	100
59) 2-Hexanone	10.969	43	75386	113.60	ug/l	99
60) Dibromochloromethane	11.128	129	31535	19.76	ug/l	100
61) 1,2-Dibromoethane	11.237	107	28366	20.52	ug/l	96
64) Tetrachloroethene	10.859	164	32986	20.59	ug/l	93
65) Chlorobenzene	11.658	112	102003	19.97	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	32745	19.62	ug/l	96
67) Ethyl Benzene	11.731	91	191302	20.48	ug/l	99
68) m/p-Xylenes	11.841	106	143092	40.56	ug/l	99
69) o-Xylene	12.164	106	65237	20.16	ug/l	95
70) Styrene	12.182	104	111348	20.73	ug/l	99
71) Bromoform	12.347	173	16699	21.52	ug/l #	98
73) Isopropylbenzene	12.463	105	185666	19.36	ug/l	100
74) N-amyl acetate	12.274	43	35429	21.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	35032	20.98	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	27954m	24.78	ug/l	
77) Bromobenzene	12.743	156	39428	19.10	ug/l	96
78) n-propylbenzene	12.804	91	229983	19.79	ug/l	99
79) 2-Chlorotoluene	12.889	91	121799	19.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	159118	19.92	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	8322	21.18	ug/l #	84
82) 4-Chlorotoluene	12.987	91	130938	18.93	ug/l	98
83) tert-Butylbenzene	13.206	119	137025	19.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	160647	19.75	ug/l	99
85) sec-Butylbenzene	13.383	105	197755	20.13	ug/l	100
86) p-Isopropyltoluene	13.499	119	177934	19.95	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	82109	19.49	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	82882	19.28	ug/l	96
89) n-Butylbenzene	13.822	91	175987	19.78	ug/l	99
90) Hexachloroethane	14.090	117	27874	19.26	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	72936	19.74	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5979	21.00	ug/l	90
93) 1,2,4-Trichlorobenzene	15.133	180	47049	19.48	ug/l	97
94) Hexachlorobutadiene	15.237	225	24776	18.55	ug/l	98
95) Naphthalene	15.365	128	97664	21.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	40833	19.80	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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